

PATENT APPLICATION

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Attorney Docket No.: WPB 36400B

AMENDMENT TRANSMITTAL

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01 DEC 26 PM 2:41

In re the Application of

Glaucia PARANHOS-BACCALA et al.

Group Art Unit: 1645

Application No.: 09/138,735

Examiner: J. Graser

Filed: August 24, 1998

For: TRYPANOSOMA CRUZI ANTIGEN, GENE ENCODING THEREFOR AND METHODS OF
DETECTING AND TREATING CHAGAS DISEASE

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

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- ☐ Entitlement to small entity status is hereby asserted.
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

| | (Column 1) | (Column 2) | (Column 3) |
|--|---|---------------------------------------|------------------|
| | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA |
| TOTAL CLAIMS | 30 MINUS | 33 | =0 |
| INDEP CLAIMS | 6 MINUS | 5 | =1 |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM | | | |

| SMALL ENTITY | |
|-----------------|--------------|
| RATE | ADD'L FEE |
| x 9 | \$ |
| x 42 | \$ |
| + 140 | \$ |
| | \$ |

| OTHER THAN A SMALL ENTITY | |
|------------------------------|--------------|
| RATE | ADD'L FEE |
| x 18 | \$ |
| x 84 | \$ 84 |
| + 280 | \$ |
| | \$ 84 |

OR

OR

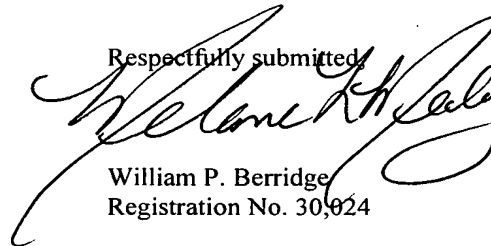
- * If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 126318 in the amount of \$84.00 is attached. The Director is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

Respectfully submitted,



William P. Berridge
Registration No. 30,024

Melanie L. Mealy
Registration No. 40,085

WPB:MLM/jam

Date: December 26, 2001

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PATENT APPLICATION

RESPONSE UNDER 37 CFR §1.116

EXPEDITED PROCEDURE

TECHNOLOGY CENTER ART UNIT 1645

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Glaucia PARANHOS-BACCALA et al.

Application No.: 09/138,735

Filed: August 24, 1998

For: TRYPANOSOMA CRUZI ANTIGEN, GENE ENCODING THEREFOR AND
METHODS OF DETECTING AND TREATING CHAGAS DISEASE

Group Art Unit: 1645

Examiner: J. Graser

Docket No.: WPB 36400B

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AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR §1.116

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In reply to the Office Action mailed September 24, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 9, 29, 31, 33 and 35 without prejudice to or disclaimer of the subject matter contained therein.

Please replace claims 5, 8, 11, 18, 21-24, 32 and 34 as follows:

5. (Three Times Amended) A probe for identifying Trypanosoma cruzi, said probe having at least 85% homology with a fragment of a nucleotide sequence that is

identical or fully complementary to a sequence starting at nucleotide 1232 and ending at nucleotide 2207 of SEQ ID NO: 1 or the corresponding RNA sequence, wherein said probe

contains at least 5 and no more than 100 nucleotides.

12/27/2001 TSUGGS 00000002-09138735

01 FC:102

84.00 OP

DO
NOT
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JG
1/3/02